

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of:

KONO et al.

Serial No.

10/596,275

Filed:

June 7, 2006

For:

FUEL CARTRIDGE, FUEL CELL AND PORTABLE ELECTRICAL...

ifw/

DOCKET:

NEC DP-1058

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-identified application, Applicants hereby attach U.S.

Patent Office form PTO-1449, including copies of the prior art references listed therein. These references were cited in the specification and/or the International Search Report dated April 5, 2005 of the corresponding PCT patent application. Enclosed also is a copy of the International Search Report. Where available, English Abstracts or counterparts are being provided for the convenience of the Patent Office. Copies of the U.S. Patent References/Publications are not being provided. The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR §1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR §1.56(A) relies on a materiality concept which depends on subjectivity.

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Serial No. 10/596,275 Docket No. NEC DP-1058 Information Disclosure Statement

In compliance with the requirements of 37 CFR §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a copy of the International Search Report by a PCT Examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of the PCT Examiner or the claims of the PCT application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the PCT Search Report submitted herewith.

We believe that there are no fees involved with this information disclosure statement. However, in the event there are any fees payable, please charge them to our Deposit Account No. 08-1391.

Respectfully submitted,

Norman Melcray

Norman P. Soloway Attorney for Applicants

By Sharon McKnip

Reg. No. 24, 315

## **CERTIFICATE OF MAILING**

I certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on <u>June 7, 2006</u> at Tucson, Arizona.

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|                      | OTRE                                |                   |  | ATTY DOCKET NO.  NEC DP-1058 |                          |                             | APPLICATION NO.<br>10/596,275 |  |                               |             |
|----------------------|-------------------------------------|-------------------|--|------------------------------|--------------------------|-----------------------------|-------------------------------|--|-------------------------------|-------------|
|                      | INFORMATION DISCLOSURE CITATION     |                   |  | 802                          | APPLICANT(S)             |                             | <u> </u>                      | •  |                               |             |
|                      | (I Ica caveral cheets if necessary) |                   |  |                              |                          | KONO et al.                 |                               |  |                               | _           |
|                      |                                     | JUN 1 2 200       |  |                              | FILING DATE June 7, 2006 |                             |                               | GROUP ART UNIT                                 |                               |             |
|                      |                                     |                   |  | TRADENS!                     | PATENT                   | DOCUMENTS                   |                               |  |                               |             |
| *EXAMINER            |                                     |                   | DOCUMENT NUMBER  | DATE                         |                          | NAME                        | CLASS                         | SUBCLASS                                       | FILING DATE<br>IF APPROPRIATE |             |
|                      |                                     | 6,500             | 5,513  | 01.14.2003                   | YONETS                   | YONETSU et al.              |                               | 34   |                               |             |
|                      |                                     | 4,562             | 2,123  | 12.31.1985                   | SHIMIZU et al.           |                             | 429                           | 27   |                               |             |
|                      |                                     |                   |  |                              |                          |                             |                               |  |                               |             |
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| *EXAMINER<br>INITIAL |                                     | DOCUMENT NUMBER   |  | DATE                         | NAME                     |                             | CLASS                         | SUBCLASS                                       | FILING DAT<br>IF APPROP       |             |
|                      |                                     | 2003              | /0124408   | 07.03.2003                   | HOJO et                  | al.                         | 429                           | 34   |                               |             |
|                      |                                     | 2003              | /0082421   | 082421 05.01.2003            |                          | YONETSU et al.              |                               | 25   |                               |             |
|                      |                                     | 2004              | /0009381   | 01.15.2004                   | SAKAI et al.             |                             | 429                           | 23   |                               |             |
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| •                    |                                     |                   |  | FORE                         | IGN PATE                 | NT DOCUMENTS                |                               | <u>,                                      </u> |                               |             |
|                      |                                     | DOCUMENT NUMBER D |  | DATE                         |                          | COUNTRY                     | CLASS                         | SUBCLASS                                       | TRANSI<br>YES                 | ATION<br>NO |
|                      |                                     | 60-62064          |  | 1985.4.10                    | JAPAN                    |                             | H01M                          | 8/02   |                               | V           |
|                      |                                     | 2003-257466       |  | 2003.9.12                    | JAPAN                    |                             | H01M                          | 8/04   |                               | V           |
|                      |                                     | EP 1              | 324415   | 02.07.2003                   | EUROPE                   |                             | H01M                          | 8/06   |                               |             |
|                      |                                     | 2001-93551        |  | 2001.4.6                     | JAPAN                    |                             | H01M                          | 8/04   |                               | V           |
|                      |                                     | EP 1              | 087455   | 28.03.2001                   | EUROPE                   |                             | H01M                          | 8/04   |                               |             |
|                      |                                     |                   | OTHER DOCUMEN  | ITS (Including               | g Author,                | , Title, Date, Pertinent P  | Pages, Etc.                   | )  |                               |             |
|                      |                                     |                   |  |                              |                          |                             |                               |  |                               |             |
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Form PTO-A820 (also form PTO-1449)

|                      |   |            | ATTY DOCK          | APPLICATION NO.<br>10/596,275 |             |                            |      |  |  |  |
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| INFO                 | RMATION DISCLOSURE<br>(Use several sheets if necess |            | KONO et            | KONO et al.                   |             |                            |      |  |  |  |
|                      |   |            | FILING<br>Jur      | GROUP ART                     | GROUP ART   |                            |      |  |  |  |
| <u> </u>             | <del>.</del>  | U.S        | S. PATENT DOCUMENT | S                             | ·           |                            |      |  |  |  |
| *EXAMINER<br>INITIAL | DOCUMENT NUMBER                                     | DATE       | NAME               | CLAS                          | S SUBCLASS  | FILING DATE IF APPROPRIATE |      |  |  |  |
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|                      |   | U.S. PATEN | T APPLICATION PUBL | ICATIONS                      |             |                            |      |  |  |  |
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|                      | DOCUMENT NUMBER                                     | DATE       | COUNTRY            | CLAS                          | S SUBCLASS  | TRANSLATION YES NO         |      |  |  |  |
|                      | 2004-234971   | 2004.8.19  | JAPAN              | H01M                          | 8/04        | 1 159                      | NO V |  |  |  |
|                      | 2003-223920   | 2003.8.8   | JAPAN              | H01M                          | 8/06        |                            | V    |  |  |  |

|  |  | 2004-152741 | 2004.5.27 | JAPAN | H01M | 8/04 |  | V |  |  |
|--|--|-------------|-----------|-------|------|------|--|---|--|--|
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |             |           |       |      |      |  |   |  |  |
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2003.12.5

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2003-346862

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| INFORMATION DISCLOSURE CITATION |                                   |                 | <b>_</b>       | ATTY DOCKET NO. NEC DP-1058 |                                       |            | APPLICATION NO.<br>10/596,275 |                             |              |       |
|---------------------------------|-----------------------------------|-----------------|----------------|-----------------------------|---------------------------------------|------------|-------------------------------|-----------------------------|--------------|-------|
|                                 | (Use several sheets if necessary) |                 |                |                             | KONO et al.  FILING  June 7, 2006     |            |                               | GROUP ART                   |              |       |
|                                 |                                   |                 | U.S            | S. PATEN                    | T DOCUMENTS                           |            |                               | ·                           |              |       |
| *EXAMINER<br>INITIAL            | DOCUMENT NUMBER                   |                 | DATE           | NAME                        |                                       | CLASS      | SUBCLASS                      | FILING DATE IF APPROPRIATE  |              |       |
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|                                 |                                   |                 |                | <u> </u>                    |                                       |            |                               |                             |              |       |
|                                 |                                   |                 | U.S. PATEN     | NT APPLI                    | CATION PUBLICAT                       | TIONS      |                               |                             |              |       |
| *EXAMINER<br>INITIAL            |                                   | DOCUMENT NUMBER | DATE           | NAME                        |                                       | CLASS      | SUBCLASS                      | FILING DATE  IF APPROPRIATE |              |       |
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| *                               |                                   |                 | FORE           | IGN PAT                     | ENT DOCUMENTS                         | 3          |                               |                             |              |       |
|                                 |                                   | DOCUMENT NUMBER | DATE           |                             | · · · · · · · · · · · · · · · · · · · |            | H01M                          | SUBCLASS                    | TRANS<br>YES | NO NO |
|                                 |                                   | 2004-281341     | 2004.10.07     | JAPAN                       |                                       |            |                               | 8/04                        |              | V     |
|                                 |                                   | 2003-92128      | 2003.3.28      | JAPAN                       |                                       |            |                               | 8/06                        |              | V     |
|                                 |                                   |                 |                |                             |                                       |            |                               |                             |              |       |
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|                                 |                                   | OTHER DOCUM     | ENTS (Includir | ng Autho                    | r, Title, Date, P                     | ertinent F | Pages, Etc                    | ;.)                         |              |       |
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